C1 cont'd

signal exhibits a perceptively improved harmonic quality compared to audible sound reproduced from the input audio signal.

In Claim 35, at line 4, please replace "up" with –down–.

Please add new Claims 36-47:

36. (New Claim) The apparatus as recited in claim 1, wherein the input audio signal is a converted form of an original sound, and said passive circuit is operatively adapted to distort the input audio signal such that audible sound reproduced from the enhanced audio signal sounds perceptively closer to the original sound heard live in an acoustically designed environment than audible sound reproduced from the input audio signal heard in the same acoustically designed environment.

C2

37. (New Claim) The audio system as recited in claim 12, wherein the input audio signal is a converted form of an original sound and said passive circuit is operatively adapted to distort the input audio signal such that audible sound reproduced from the enhanced audio signal sounds perceptively closer to the original sound heard live in an acoustically designed environment than audible sound reproduced from the input audio signal heard in the same acoustically designed environment.

38. (New Claim) The method as recited in claim 18, wherein the input audio signal is a converted form of an original sound and said passively distorting step distorts the input audio signal such that audible sound reproduced from the enhanced audio signal sounds perceptively closer to the original sound heard live in an acoustically designed environment than audible sound reproduced from the input audio signal heard in the same acoustically designed environment.

39. (New Claim) The apparatus as recited in claim 34, wherein the input audio signal is a converted form of an original sound and said passive circuit is operatively adapted to distort the input audio signal such that audible sound reproduced from the enhanced audio signal sounds perceptively closer to the original sound heard live in an acoustically designed environment than audible sound reproduced from the input audio signal heard in the same acoustically designed environment.

c2 cont'd

40. (New Claim) The apparatus as recited in claim 1, wherein said passive circuit is operatively adapted such that when the input audio signal is of music provided from a compact optical disc and the resulting enhanced audio signal is recorded onto a cassette magnetic tape, said passive circuit imparts an enhancement to the input audio signal such that audible music reproduced from the enhanced audio signal on the cassette tape is clearer and exhibits an improved sound source separation compared to audible music reproduced from the input audio signal on the compact optical disc.

41. (New Claim) The audio system as recited in claim 12, wherein said passive circuit is operatively adapted such that when the input audio signal is of music provided from a compact optical disc and the resulting enhanced audio signal is recorded onto a cassette magnetic tape, said passive circuit imparts an enhancement to the input audio signal such that audible music reproduced from the enhanced audio signal on the cassette tape is clearer and exhibits an improved sound source separation compared to audible music reproduced from the input audio signal on the compact optical disc.

42. (New Claim) The method as recited in claim 18, wherein when the input audio signal provided is music from a compact optical disc, said passively distorting step imparts an enhancement to the input audio signal such that when the enhanced audio signal is recorded onto a cassette magnetic tape the audible music reproduced from the cassette tape is clearer and exhibits an improved sound source separation compared to audible music reproduced from the input audio signal on the compact optical disc.

C7

43. (New Claim) The apparatus as recited in claim 34, wherein said passive circuit is operatively adapted such that when the input audio signal is of music provided from a compact optical disc and the resulting enhanced audio signal is recorded onto a cassette magnetic tape, said passive circuit imparts an enhancement to the input audio signal such that audible music reproduced from the enhanced audio signal on the cassette tape is clearer and exhibits an improved sound source separation compared to audible music reproduced from the input audio signal on the compact optical disc.

cont'd

44. (New Claim) The apparatus as recited in claim 1, wherein said circuit distorts the input audio signal, when transmitted therethrough, such that the audible frequency components increase in amplitude as they increase in frequency from the first intermediate frequency up to an amplitude peak and there is up to a total of only two amplitude peaks between the low end and the high end, and where the low end and the high end define the range of normal human hearing.

45. (New Claim) The audio system as recited in claim 12, wherein said circuit distorts the input audio signal, when transmitted therethrough, such that the audible frequency components increase in amplitude as they increase in frequency from the intermediate frequency up to an